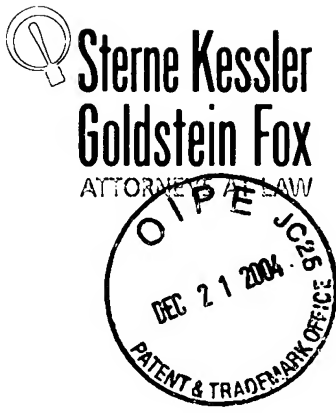


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\*Practice Limited to Federal Agencies

December 21, 2004

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Art Unit 1752

Re: U.S. Utility Patent Application  
Application No. 10/781,946; Filed: February 20, 2004  
For: **Method of Preparing Photopolymer with Enhanced Optical Quality  
Using Nanoporous Membrane and Photopolymer Prepared by the  
Same**  
Inventors: PARK *et al.*  
Our Ref: 2236.0050000/JUK/SMW

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449 (1 sheet);
3. Copies of cited documents AS1 and AR1; and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
December 21, 2004  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "S M Woodhouse", written over the printed name.

Scott M. Woodhouse  
Agent for Applicants  
Registration No. 54,747

Enclosures

346759\_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Park *et al.*

Appl. No.: 10/781,946

Filed: February 20, 2004

For: **Method of Preparing  
Photopolymer with Enhanced  
Optical Quality Using Nanoporous  
Membrane and Photopolymer  
Prepared by the Same**

Confirmation No.: 9700

Art Unit: 1752

Examiner: *To be assigned*

Atty. Docket: 2236.0050000/JUK/SMW

**Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450  
Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each document is provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached Form PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

Park *et al.*  
Appl. No. 10/781,946

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

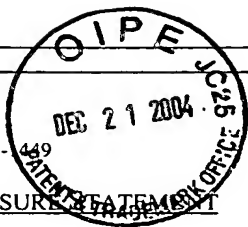
Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read 'S. Woodhouse', is written over the printed name and title.

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FORM PTO-449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET No.  
2236.0050000/JUK/SMWAPPLICATION No.  
10/781,946APPLICANT(S)  
Park *et al.*FILING DATE  
February 20, 2004ART UNIT  
1752

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
.	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>1</u>	Schnoes, M.G., <i>et al.</i> , "Photopolymer-filled nanoporous glass as a dimensionally stable holographic recording medium," <i>Optics Letters</i> 24:658-660, Optical Society of America (1999)
	AS	<u>1</u>	Waldman, D.A., <i>et al.</i> , "Volume Shrinkage in Slant Fringe Gratings of a Cationic Ring-Opening Holographic Recording Material," <i>J. Imaging Sci. Tech.</i> 41:497-514, The Society for Imaging Science and Technology (1997)
	AT		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.